



HIF-8551



### **SERVICE MANUAL**

### WARNING:

FOR CONTINUED SAFETY THE FOLLOWING PRECAUTIONS TO BE FOLLOWED DURING SERVICING.

- 1. MAKE SURE POWER CORD IS DISCONNECTED BEFORE REPLACING ANY PARTS.
- 2. REPLACE WITH SAME TYPE, CRITICAL PARTS WITH! MAKE ON THIS DIAGRAM.
- THE FOLLOWING TEST MUST BE IMPLEMENTED AFTER EACH REPAIR BEFORE RETURNING IT TO CUSTOMER. USE AN OHM-METER TO MEASURE THE F.C. RESISTANCE FROM BOTH A.C. CONDUCTORS TO ANU EXPOSED METALLIC PARTS SUCH AS A SCWER HEAD. METAL INLAYS ETC. THE RESISTANCE MEASURED TO BE 10 MEGAOHMS MINIMUM.

### **TECHNICAL SPECIFICATION**

Power output : 2 Watts RMS per channel

into 8 ohms.

Frequency response : 40Hz - 15KHz

BASS : 100Hz +/- 10 db TREBLE 10KHz +/- 10 db

### **TUNER SECTION**

FM Section : 88MHz - 108MHz AM Section : 540KHz - 1600KHz In keeping with our policy of continually improving our service. and the technical quality of our products. We reserve the right to change component types. manufacturers. sources of supply of technical specification at any time.

### **CASSETTE SECTION**

Tape : Cassette type
Tape speed : 4.75 cm per second
Tracks : 2 Tracks stereo
Frequency response : 125Hz - 8KHz

### **CD PLAYER SECTION**

Frequency Response : 40Hz - 10KHz

S/N Ratio : 60db Channel Separation : 40db



### **ALIGNMENT INSTRUCTIONS (RADIO)**

CAUTION Use isolition transformer of observe polarity when connecting test equipment. Connect

low sides of generator and indicator to ground unless specified otherwise. Maintain line voltage at 230V AC. 15-minute warm-up period. Use only enough generator output to

obtain suitable indication.

INSTRUMENTS REQUIRED: AM IF ALIGNMENT GENERAL:

AM & FM Single Generator Set output of sinal generator no higher than necessary to obtain an

output reading.

Set function switch to LW or AM.

AM & FM Single Generator Set Volume control to reference output. Set Tone control at center posetion.

AC VTVM Oscillscope Fashion loop of several truns of wire and radiate signal into loop of

receiver.

SING	AL	RADIO	INDICATOR	ADJUSTMENT	REMARKS
GENE	RATOR	SETTING			
455KF	Hz	Tuning to	VTVM across		Adjust for maximum. Repeat
400Hz	Z	1620KHz	Speaker Jack	T101	until no further improvement is
Modu	lation	(High end)			noted.

### AM RF ALIGNMENT:

SINGLE GENERATOR	RADIO SETTING	INDICATOR	ADJUSTMENT	REMARKS
520KHz 400Hz Modulation	Tuning to 520KHz (Low end)		L107	Adjust for maximum
1620KHz 400Hz Modulation	Tuning to 1620KHz (High end)	VTVM across Speaker Jack	VC101-0	Adjust for maximum
600KHz	600KHz	1	BAR ANT.	Adjust for maximum
1400KHz	1400KHz		VC101-A	Adjust for maximum

### FM RF ALIGNMENT GENERAL:

Connect Generator across antenna terminals.

Adjustment of coils should not be attempted unless the coil is deformed or replaced.

Set function switch to FM.

Set volume control to reference output.

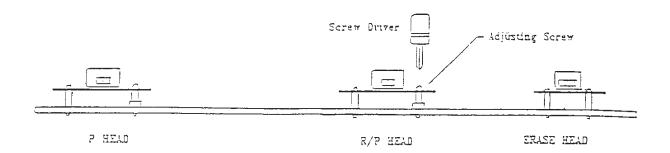
Set Bass & Treble control to center.

SINGLE	RADIO	INDICATOR	ADJUSTMENT	REMARKS
GENERATOR	SETTING			
88MHz	Tuning to	-		
1000Hz	88MHz		L103	Adjust for maximum
Modulation	(Low end)			
108MHz	Tuning to	VTVM across		
1000Hz	108MHz	Speaker Jack	VC101-FO	Adjust for maximum
Modulation	(High end)			
90MHz	90MHz		L102	Adjust for maximum
106MHz	106MHz	]	VC101-FA	Adjust for maximum



### ALIGNMENT INSTRUCTIONS FOR CASSETTE TAPE DECK

Figure as diagram :



### HEAD AZIMUTE :

WHILE PLAYING TEST TAPE (6K3Hz) ADJUST AZIMUTH SCREW ON THE LEFT SIDE OF THE TAPE HEAD FOR MAXIMUM OUTPUT FOR BATH L/R CHANNEL BY SAME METHODE ADJUST P HEAD AZIMUTH.

### INSTRUMENT REQUIRED :

- (1) AC VOLIMETER
- (2) FREQUENCY COUNTES

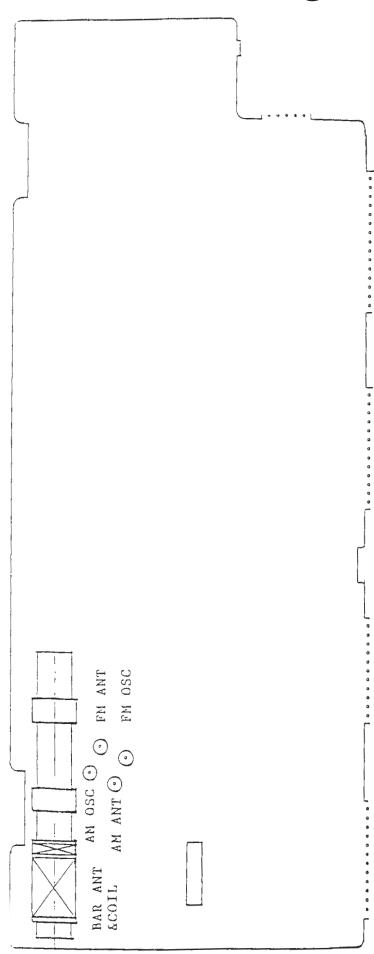


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## MAJOR ADJUSTMENT LOCATION TOP VIEW



# MAJOR ADJUSTMENT LOCATION BOTTOM VIEW





REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION
TUNER C	IRCUIT	C140	223 M/C
INTERGR	ATED CIRCUIT	C141	222 M/C
IC101	TA8122AN	C142	222 M/C
DIODE		C120	470P C/C
D101	IS2638	C121	10u/25V E/C
LD101	RED LED Ø3mm	C129	683 M/C
ZD101	3V6	C105	15P C/C
IFT		C106	4P C/C
T101	510011	C119	0.47u/50V E/C
COIL		C108	203 C/C
L101	0.8x4.5x5.5T	C114	203 C/C
L102	0.8x4.5x3.5T	C111	3P C/C
L103	0.8x5,0x2.5T	RESISTOR	1/4W ±10%
L105	AM-ANT. ASS'Y Ø10x80mm MW 100:8	R101	100K
L107	M2347	R102	47K
	CAPACITOR	R106	470Ω
P.V.C.	RG204A-06H R140	R152	220Ω
CERAMIC	FILTER	R109	10K
CF101	SFE10.7MAS	R110	10K
CR102	CSB456	R107	22K
CF103	SFU4558	R104	100K
CF104	SFE10.7MAS	R103	10Ω
CR101	CDA10.7	R/P CIRCU	IT
BAND SW	ITCH	INTERGRA	TED CIRCUIT
SW101	63D01 G6	IC201	TA7417AP
FUNCTION	N SWITCH	IC202	LA3161
SW102	63D01 G6	TRANSIST	OR
CONDENS	SOR	Q201	2SC945
C101	10P C/C	CONDENS	OR
C102	25P C/C	C223	4u7/50V E/C
C104	203 C/C	C230	22u/16V E/C
C112	18P C/C	C209	47u/10V E/C
C113	102 C/C	C215	222 M/C
C107	20P C/C	C213	472 M/C
C122	33u/16V	C212	47u/16V E/C
C123	104 C/C	C216	222 M/C
C135	220u/10V E/C	C214	472 M/C
C136	104 C/C	C207	473 M/C
C133	223 M/C	C208	473 M/C
C134	223 M/C	C211	47u/10V E/C
C131	4u7/50V E/C	C203	0.47u/50V E/C
C132	4u7/50V E/C	C204	0.47u/50V E/C
C125	153 M/C	C216	4u7/50V E/C
C123	104 C/C	C217	4.7u/50V E/C
C126	153 M/C	C218	4.7u/50V E/C
C127	104 C/C	C219	4u7/50V E/C
C128	104 C/C	C231	47u/16V E/C



REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION
C224	4u7/50V E/C	R254	150K
C210	47u/10V E/C	R259	390Ω
C234	153 M/C	R255	6K8
C235	153 M/C	R256	6K8
C236	272 M/C	R251	47Ω
C237	272 M/C	R252	47Ω
C232	100u/10V E/C	TONE & TRE	BLE CIRCUIT
C259	4u7/50V E/C	TRANSISTO	
C260	4u7/50V E/C	Q331	1 2SC945
C257	153 M/C	Q332	2SC945
C258	153 M/C	CONDENSC	<u> </u>
C253	4u7/50V E/C	C301	152 M/C
C254	4u7/50V E/C	C302	152 M/C
C255	100u/10V E/C	C303	103 M/C
C256	100u/10V E/C	C304	103 M/C
C251	102 M/C	C305	103 M/C
C261	100u/10V E/C	C306	103 M/C
C252	102 M/C	C306	104 M/C
OSC COIL		C307	104 M/C
T201	AC157	C331	104 C/C
RESISTOR 1/4	N ±10%	C332	104 C/C
R217	15K	C339	100u/10V E/C
R221	10K	C333	4u7/50V E/C
R233	2K2	C334	4u7/50V E/C
R211	68Ω	RESISTOR /	
R212	68Ω	R339	220Ω
R207	2K7	R303	100K
R208	2K7	R304	100K
R215	8K2	R305	2K7
R216	8K2	R306	2K7
R209	68K	R309	5K6
R210	68K	R310	5K6
R203	2K7	R531	1M
R205	220K	R332	1M
R206	220K	R333	6K8
R216	15K	R334	6K8
R204 R222	2K7	R335	680Ω
R222	10K	R336	680Ω
R214	2K7 470Ω	R337	1K
R214		R338	1K
R237	560Ω	R391	10K
R238	10K	R392	10K
	47Ω	R393	2K2
	2Ω2	R394	2K2
R257 R258	10K	R397	100K
	10K	R398	100K
NZ33	150K	R399	1K



REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION
D663	IN4148	R663	100K
D664	IN4148	R643	100K
LD671	LED Ø3mm RED	R632	10K
D632	IN4148	R641	5K6
SENSOR RP	M-676CBR-L	R642	5K6
TACT SWITC		R643	100K
SW631	4.3mm	R644	100K
SW632	4.3mm	R645	33K
CONDENSO		R646	2Ω2
C601	47u/10V E/C	R647	2Ω2
C602	102 C/C	R699	100Ω
C603	102 C/C	R635	470Ω
C638	4u7/50V E/C	R671	56K
C631	1u/50V E/C	R672	56K
C632	1u/50V E/C	R673	5K6
C640	100u/10V E/C	R674	5K6
C639	220u/10V E/C	R675	56K
C633	1u/50V E/C	R562	1M
C634	1u/50V E/C	R664	1M
C635	1u/50V E/C	R663	1M
C636	1u/50V E/C	R665	10K
Ç614	10u/25V E/C	R674	5K6
C637	2u2/50V E/C	R676	1K
C699	47u/10V E/C	R666	680Ω
C671	10u/25V E/C	HANDSET CIRC	UIT
C672	10u/25V E/C	INTERGRATED	
C662	203 C/C	IC501	TC9148P
C663	104 C/C	TRANSISTOR	<u> </u>
C663	203 C/C	Q501	2SA733
C664	104 C/C	Q502	2SC945
C665	104 C/C	DIODE	
C666	10u/25V E/C	D501	IN4148
RESISTOR 1/4	W ±10%	D502	IN4148
R601	100K	LD501	3Ø RED
R602	2K2	INFRA RED LEC	) - TLN105
R603	10K	TACT SWITCH	
R604	33K	SW501-SW510	4.3mm
R670	680Ω	CONDENSOR	
R669	10K	CR501	KBR 455B
R637	10K	R502	100P C/C
R634	33K	C503	100P C/C
R638	10K	C508	47u/10V E/C
R639	33K	DC SUPPLY CIF	RCUIT
R635	100K	TRANSISTOR	
C638	1u/50V E/C	Q411	2SB882
C637	2u2/50V E/C	Q431	2SC2001
R631	10K	Q491	2SC945



REF. NO.	DESCRIPTION	REF. NO	DESCRIPTION
DIODE		RESISTOR	! ¼W ±5%
D431-D434	IN4002	R431	10Ω
ZD441	9V1	R437	1K
ZD431	11V	R491	47K
D491	IN4148	R492	4K7
CONDENSO	₹	R493	10K
C431-C434	203 C/C	R442	1K 1/2W
C436	203 C/C		
C437	100u/10V E/C		
C491	I 100u/10V E/C		
C435	2200u/25V E/C		
C438	220u/10V E/C		
C441	100u/10V E/C		



### (2W) TRANSISTOR VOLTAGE TABLE

TRANSISTOR	E	C	В
Q202 2SC945	0	10.4	0
Q331 2SC945	0.1	3.9	0.8
Q332 2SC945	0.2	3.8	0.8
Q501 2SC945	3.1	0	3.1
Q502 2SA733	0.3	3.1	0
Q601 2SC945	0	0.1	0.6
Q632 2SC945	0	9.9	0
Q631 2SC945	0	9.9	0
Q668 2SC945	0	0	0
Q901 2SC945	0	0.7	0
Q902 2SC945	0	0	0.7
Q903 2SC945	0	0.7	0
Q904 2SC945	0	0	0.7
Q905 2SA733	0	0	0
Q491 2SC945	0	0	0.6
Q431 2SC2001	10.4	14.3	11.1
Q662 2SB772	14.9	14.9	14.2
Q661 2SC945	0	0.1	0.7
Q411 D882	0	0.1	0.76
Q643 2SC945	0	0	0.23
Q644 2SC945	0	0	0.23
Q801 2SC945	4.99	4.99	0
Q802 2SC945	4.97	4.98	0
Q803 2SC945	4.97	4.98	0
Q804 2SC945	4.94	4.94	0
Q805 2SC945	4.96	4.96	0
Q806 2SC945	4.95	4.95	0
Q671 2SC945	0	5.5	0.5
Q672 2SC945	0	0	0.6
Q673 2SC945	0	4.2	0.2



### (2W) TRANSISTOR VOLTAGE TABLE

TRANSISTOR	Ε	C	В
Q202 2SC945	0	10.4	0
Q331 2SC945	0.1	3.9	0.8
Q332 2SC945	0.2	3.8	0.8
Q501 2SC945	3,1	0	3.1
Q502 2SA733	0.3	3.1	0
Q601 2SC945	0	0.1	0.6
Q632 2SC945	0	9.9	0
Q631 2SC945	0	9.9	0
Q668 2SC945	0	0	0
Q901 2SC945	0	0.7	0
Q902 2SC945	0	0	0.7
Q903 2SC945	0	0.7	0
Q904 2SC945	0	0	0.7
Q905 2SA733	0	0	0
Q491 2SC945	0	0	0.6
Q431 2SC2001	10.4	14.3	11.1
Q662 2SB772	14,9	14.9	14.2.
Q661 2SC945	0	0.1	0.7
Q411 D882	0	0.1	0.76
Q643 2SC945	0	0	0.23
Q644 2SC945	0	0	0.23
Q801 2SC345	4.99	4.99	0
Q802 2SC945	4.97	4.98	0
Q803 2SC945	4.97	4.98	0
Q804 2SC945	4.94	4.94	0
Q805 2SC945	4.96	4.96	0
Q806 2SC945	4.95	4.95	0
Q671 2SC945	0	5.5	0.5
Q672 2SC945	0	0	0.6
Q673 2SC945	0	4.2	0.2



REF. NO.	DESCRIPTION	REF. NO.	DESCRIPTION
R400	1K	TAPE CONT	ROL CIRCUIT
ROTARY RES	ISTOR	TRANSISTO	R
VR301	100KBx2 IC, L=300mm	Q901	2SC945
VR302	100KBx2 IC. L=300mm	Q902	2SC945
VR304	100kbx1 IC, L=300mm	Q903	2SC945
AMP. CIRCUIT		Q904	2SC945
INTERGRATE		Q905	2SA733
IC401	KA2206	DIODE	
CONDENSOR		D901	IN4002
C403	4u7/50V E/C203 C/C	RESISTOR	
C404	4u7/50V E/C	R901	100K
C405	100u/10V E/C	R902	22K
C406	100u/10V E/C	R903	100K
C407	100u/10V E/C	R904	22K
C408	100u/10V E/C	R905	22K
C409	104 M/C	R906	22K
C410	104 M/C	R907	220K
C411	470u/10V E/C	R908	470Ω
C412	470u/10V E/C	R906	5K6
C413	100u/16V E/C	SEMI FIXED	
C414	470u/16V E/C	SVR901	Ø8 3K
RESISTOR YA		REMOTE CIP	RCUIT
R411	220Ω	INTERGRAT	ED CIRCUIT
R412	220Ω	IC601	TC9149P
TACT SWITCH		IC602	TC9153AP
SW661	4.3mm	IC603	TC4013
CD CONTROL		TRANSISTO	R
TRANSISTOR		Q632	2SC945
Q802	2SC945	Q601	2SC945
Q803	2SC945	Q631	2SC945
Q804	2SC945	Q663	2SC945
Q805	2SC945	Q664	2SC945
Q806	2SC945	C671	2SC945
Q807	2SC945	Q672	2SC945
LCD		Q673	2SC945
LD801	SD552UPF2P(TRULY)	Q662	2SB772
LIGHT LAMP		Q661	2SC945
LP801	8V60ma	DIODE	
TACT SWITCH		ZD601	5∨6
SW1-SW7	4.3mm	D661	IN4148
RESISTOR		D662	IN4148
R802	100K	D665	IN4148
R803	100K	D631	IN4148
R804	100K	D671	IN4148
R805	100K	D672	IN4148
R806	100K	D673	IN4148
R807	100K	D666	IN4148



### **ADJUSTMENT PROCEDURES**

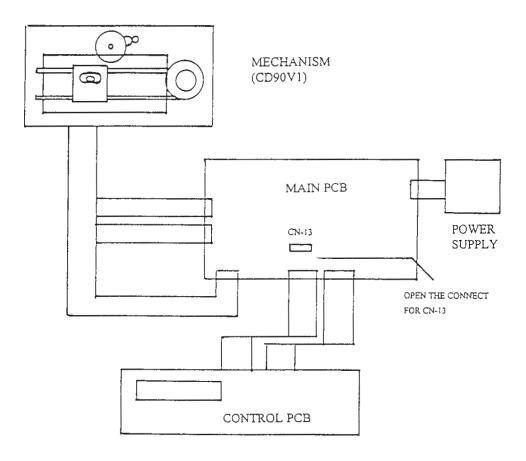
- 1. FIRST STAGE MODE
- 2. TEST MODE SETTING
- 3. SWITCHING ON THE POWER
- 4. PLL ADJUSTMENT
- 5. CN13 LID SWITCH ON
- 6. PLAY/PAUSE SWITCH ON
- 7. E/F BALANCE ADJUSTMENT



### **FIRST STAGE MODE**

The PCB main assembly is connected with various connectors as illustrated below.

NOTE: At this time, the CN-13 (Lid switch) is left in the open condition.



The semi-fixed variable resistors are all set to the center position.



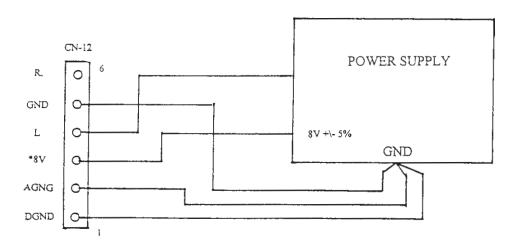
### **TEST MODE SETTING**

Connect TCN3 with a short wire (connect Pin 16 of IC105 to ground)

NOTE: When the adjustment has been completed, leave TCN3 open.

### **SWITCHING ON THE POWER**

Use a power supply which can satisfy supply voltage of SV ±5% for Vcc.



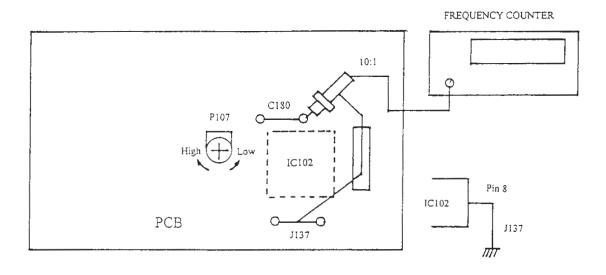
When the power is switched on in the mode, the display will show 13 77 77.



### **PLL ADJUSTMENT**

- . Attach a 10:1 probe to the frequency counter.
- . Connect the probe ground to the test ground J137, and connect the hot side of the proble to the C160 PCK point.
- . Adjust P104 so that the reading of the frequency counter is within  $4.3218MHz \pm 5KHz$ .

Note: Connect the J136 (HF) to ground.



When the adjustment has been completed, disconnect the prob.



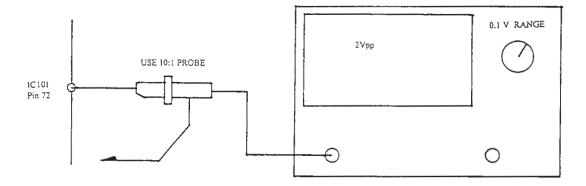
### **CN-13 LID SW ON**

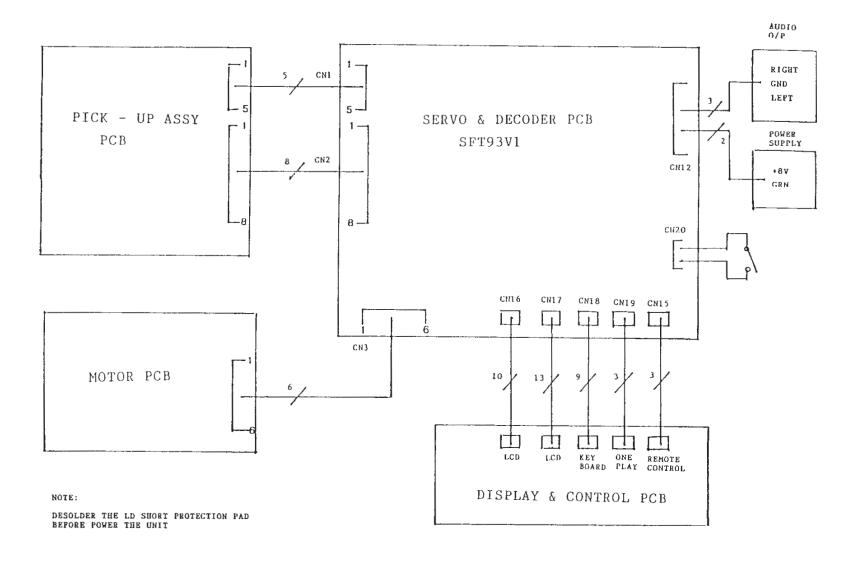
- . Place a test disc on the mechanism and perform chunking with a magnet. (Use the SONY YEDS-18 or YEDS-43 test disc)
- . Short circuit CN-13 which is now in the open condition.
- . Short circuit CN-13 will move the pick-up in the direction of the inner tracks until it touch and switches on the inner switch.
- . When the pick-up switches on the inner switch, it enters the focus search operation, reads the TOC information, then the disc stops.

### **PLAY/PAUSE SWITCH ON**

. After pressing the PLAY/PAUSE switch, check that the focus and the tracking servo are switched on, and that the eye patten is output from IC101 Pin 72.

(The eye pattern level is normally about 2 Vp-p.)

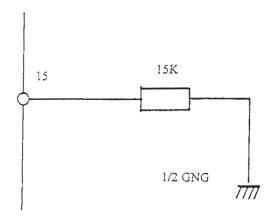






### E/F BALANCE ADJUSTMENT

. Connect a 15K ohm resistor to Pin 15 of IC101 and 1/2 ground (J102) and detach the tracking serve.



. Connect the oscilloscope probe (10:1) to TE measurement point IC101 Pin 7 (TEAO) and 1/2 ground and check whether the TE waverorm moves up and down when P101 E/F balance variable resistor is rotated clockwise and countclockwise.

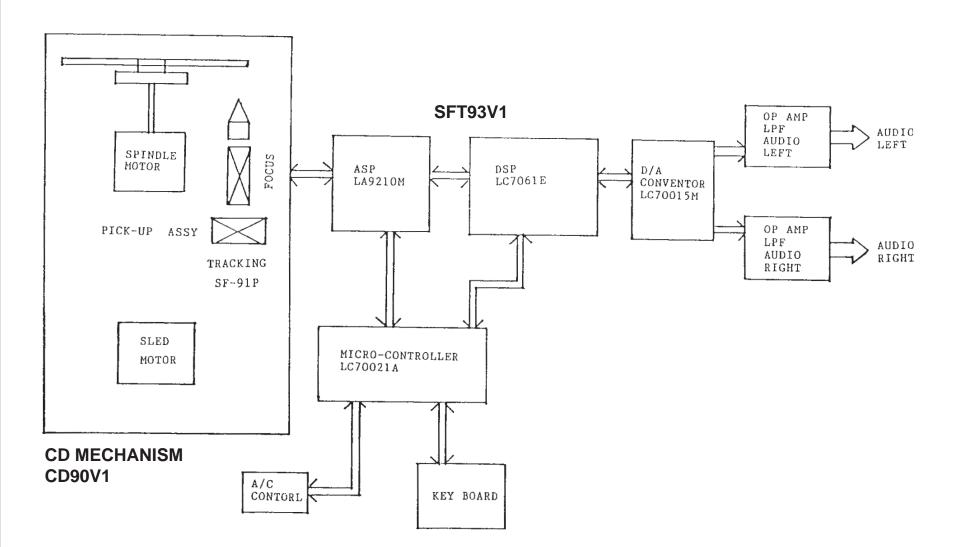
NOTE: Set oscilloscope DC input

- . When the check has been completed, turn P101 and return a position at which the TE waveform appears to be vertically symmetrical (0Vdc).
- . When the adjustment has been completed, disconnect the resistor.

HIF-8551

### Roadstar

### **CD PLAYER BLOCK DIAGRAM**





C159	REFERENCE	PART NO.	DESCRIPTION			QTY.
C160 08-33124-133 CAP CER 330P 50V K 1 C199 08-10224-133 CAP CER 1000P 50V K 1 C301 08-22394-133 CAP CER 0.022U 50V K 1 C302 09-47619-055 CAP ELE 00U 10V M 1 C303 09-10711-055 CAP ELE 100U 10V M 1 C304 09-47619-055 CAP ELE 47U 16V M 1 C305 09-47619-055 CAP ELE 47U 16V M 1 C306 09-10711-055 CAP ELE 100U 10V M 1 C307 11-33324-023 CAP MLY 0.033U 50V K 1 C308 11-33324-023 CAP MLY 0.033U 50V K 1 C309 09-10619-055 CAP ELE 10U 16V M 1 C310 09-10619-055 CAP ELE 10U 16V M 1 C311 11-10224-023 CAP MLY 1000P 50V K 1 C312 11-10224-023 CAP MLY 1000P 50V K 1 C312 11-10224-023 CAP MLY 1000P 50V K 1 C313 11-10224-023 CAP MLY 1000P 50V K 1 C314 11-10224-023 CAP MLY 1000P 50V K 1 C315 09-10619-055 CAP ELE 10U 16V M 1 C316 09-10619-055 CAP ELE 10U 16V M 1 C317 08-10224-133 CAP CER 1000P 50V K 1 C318 08-10224-133 CAP CER 1000P 50V K 1 C320 09-22711-055 CAP ELE 10U 16V M 1 C320 09-22711-055 CAP ELE 20U 10V M 1 C320 09-22711-055 CAP ELE 22OU 10V M 1 C320 09-22711-055 CAP ELE 22OU 10V M 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C320 09-22711-055 CAP ELE 22OU 10V M 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C320 09-22711-055 CAP ELE 22OU 10V M 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C320 09-22711-055 CAP ELE 22OU 10V M 1 C321 20-40001-105 CON JST 5P 1 CN15 20-40001-105 CON JST 5P 1 CN16 20-40001-105 CON JST 5P 1 CN17 20-40001-105 CON JST 5P 1 CN18 20-40001-106 CON JST 8P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-109 CON JST 9P 1 CN16 20-40001-109 CON JST 9P 1 CN2 20-40001-109 CON JST 9P 1 CN3 20-40001-109 CON JST 9P 1 CN16 20-4						
C199						
C301         08-22394-133         CAP CER 0.022U         50V         K         1           C302         09-47619-055         CAP ELE 47U         16V         M         1           C303         09-10711-055         CAP ELE 100U         10V         M         1           C304         09-47619-055         CAP ELE 47U         16V         M         1           C305         09-47619-055         CAP ELE 47U         16V         M         1           C306         09-10711-055         CAP ELE 100U         10V         M         1           C307         11-33324-023         CAP MLY 0.033U         50V         K         1           C308         11-33324-023         CAP MLY 0.033U         50V         K         1           C309         09-10619-055         CAP ELE 10U         16V         M         1           C311         11-10224-023         CAP MLY 1000P         50V         K         1           C312         11-10224-023         CAP MLY 1000P         50V         K         1           C314         11-10224-023         CAP MLY 1000P         50V         K         1           C315         09-10619-055         CAP ELE 10U         16V						
C302 09-47619-055 CAP ELE 47U 16V M 1 C303 09-10711-055 CAP ELE 100U 10V M 1 C304 09-47619-055 CAP ELE 47U 16V M 1 C305 09-47619-055 CAP ELE 47U 16V M 1 C306 09-10711-055 CAP ELE 47U 16V M 1 C307 11-33324-023 CAP MLY 0.033U 50V K 1 C308 11-33324-023 CAP MLY 0.033U 50V K 1 C309 09-10619-055 CAP ELE 10U 16V M 1 C310 09-10619-055 CAP ELE 10U 16V M 1 C311 11-10224-023 CAP MLY 1000P 50V K 1 C312 11-10224-023 CAP MLY 1000P 50V K 1 C313 11-10224-023 CAP MLY 1000P 50V K 1 C314 11-10224-023 CAP MLY 1000P 50V K 1 C315 09-10619-055 CAP ELE 10U 16V M 1 C316 09-10619-055 CAP ELE 10U 16V M 1 C317 08-10224-103 CAP MLY 1000P 50V K 1 C318 09-10619-055 CAP ELE 10U 16V M 1 C316 09-20619-055 CAP ELE 10U 16V M 1 C317 08-10224-133 CAP CER 1000P 50V K 1 C318 08-10224-133 CAP CER 1000P 50V K 1 C319 09-22711-055 CAP ELE 20U 16V M 1 C320 09-22711-055 CAP ELE 220U 10V M 1 C320 09-22711-055 CAP ELE 220U 10V M 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C322 08-10314-133 CAP CER 0.01U 50V M 1 C0X12 20-40001-105 CON JST 5P 1 CN12 20-40001-105 CON JST 5P 1 CN13 20-4001-110 CON JST 5P 1 CN14 20-4001-110 CON JST 5P 1 CN15 20-4001-110 CON JST 5P 1 CN16 20-40001-100 CON JST 5P 1 CN17 20-40001-100 CON JST 5P 1 CN18 20-40001-100 CON JST 5P 1 CN19 20-40001-100 CON JST 5P 1 CN19 20-40001-100 CON JST 5P 1 CN10 20						
C303						
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C305 09-47619-055 CAP ELE 47U 16V M 1 C306 09-10711-055 CAP ELE 100U 10V M 1 C307 11-33324-023 CAP MLY 0.033U 50V K 1 C308 11-33324-023 CAP MLY 0.033U 50V K 1 C309 09-10619-055 CAP ELE 10U 16V M 1 C310 09-10619-055 CAP ELE 10U 16V M 1 C311 11-10224-023 CAP MLY 1000P 50V K 1 C312 11-10224-023 CAP MLY 1000P 50V K 1 C313 11-10224-023 CAP MLY 1000P 50V K 1 C314 11-10224-023 CAP MLY 1000P 50V K 1 C315 09-10619-055 CAP ELE 10U 16V M 1 C316 09-10619-055 CAP ELE 10U 16V M 1 C317 08-10224-103 CAP MLY 1000P 50V K 1 C318 09-10619-055 CAP ELE 10U 16V M 1 C316 09-10619-055 CAP ELE 10U 16V M 1 C317 08-10224-133 CAP CER 1000P 50V K 1 C318 08-10224-133 CAP CER 1000P 50V K 1 C319 09-22711-055 CAP ELE 220U 10V M 1 C320 09-22711-055 CAP ELE 220U 10V M 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C322 08-10314-133 CAP CER 1000P 50V K 1 C313 20-40001-105 CON JST 5P 1 CN12 20-40001-105 CON JST 5P 1 CN13 20-40001-105 CON JST 5P 1 CN15 20-40001-103 CON JST 5P 1 CN16 20-40001-103 CON JST 5P 1 CN17 20-40001-103 CON JST 3P 1 CN18 20-40001-103 CON JST 3P 1 CN18 20-40001-103 CON JST 3P 1 CN19 20-40001-109 CON JST 5P 1 CN2 20-40001-109 CON JST 5P 1 CN2 20-40001-109 CON JST 5P 1 CN3 20-40001-109 CON JST 5P 1 CN3 20-40001-109 CON JST 5P 1 CN10 06-0005-040 DIODE GMB01-BT 1 D104 06-0005-040 DIODE GMB01-BT 1 D105 06-0005-040 DIODE GMB01-BT 1 D106 06-0005-040 DIODE GMB01-BT 1 D107 06-0005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D100 06-00005-040		09-10711-055			M	
C306		09-47619-055			M	
C307		09-47619-055			M	1
C308         11-33324-023         CAP MLY 0.033U         50V         K         1           C309         09-10619-055         CAP ELE 10U         16V         M         1           C310         09-10619-055         CAP ELE 10U         16V         M         1           C311         11-10224-023         CAP MLY 1000P         50V         K         1           C312         11-10224-023         CAP MLY 1000P         50V         K         1           C313         11-10224-023         CAP MLY 1000P         50V         K         1           C314         11-10224-023         CAP MLY 1000P         50V         K         1           C315         09-10619-055         CAP ELE 10U         16V         M         1           C316         09-10619-055         CAP ELE 10U         16V         M         1           C317         08-10224-133         CAP CER 1000P         50V         K         1           C318         08-10224-133         CAP CER 1000P         50V         K         1           C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V		09-10711-055	CAP ELE 100U		М	1
C309	C307	11-33324-023	CAP MLY 0.033U	50V	K	
C310	C308	11-33324-023	CAP MLY 0.033U		K	
C311	C309	09-10619-055	CAP ELE 10U		M	
C312         11-10224-023         CAP MLY 1000P         50V         K         1           C313         11-10224-023         CAP MLY 1000P         50V         K         1           C314         11-10224-023         CAP MLY 1000P         50V         K         1           C315         09-10619-055         CAP ELE 10U         16V         M         1           C316         09-10619-055         CAP ELE 10U         16V         M         1           C317         08-10224-133         CAP CER 1000P         50V         K         1           C318         08-10224-133         CAP CER 1000P         50V         K         1           C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-106         CON JST 5P         1         1           CN12         20-40001-106         CON JST 3P         1         1 <t< td=""><td>C310</td><td>09-10619-055</td><td>CAP ELE 10U</td><td></td><td>M</td><td>1</td></t<>	C310	09-10619-055	CAP ELE 10U		M	1
C313	C311	11-10224-023	CAP MLY 1000P		K	
C314         11-10224-023         CAP MLY 1000P         50V         K         1           C315         09-10619-055         CAP ELE 10U         16V         M         1           C316         09-10619-055         CAP ELE 10U         16V         M         1           C317         08-10224-133         CAP CER 1000P         50V         K         1           C318         08-10224-133         CAP CER 1000P         50V         K         1           C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1         1           CN1         20-40001-106         CON JST 6P         1         1           CN13         20-40001-103         CON JST 10P         1         1           CN15         20-40001-103         CON JST 10P         1         1           CN16         20-40001-1	C312	11-10224-023	CAP MLY 1000P			
C315	C313	11-10224-023		50V	K	
C316	C314	11-10224-023	CAP MLY 1000P	50V	K	1
C317         08-10224-133         CAP CER 1000P         50V         K         1           C318         08-10224-133         CAP CER 1000P         50V         K         1           C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1         1           CN1         20-40001-106         CON JST 6P         1         1           CN13         20-40001-102         CON JST 3P         1         1           CN15         20-40001-103         CON JST 10P         1         1           CN16         20-40001-103         CON JST 9P         1         1           CN17         20-40001-109         CON JST 8P         1         1           CN2         20-40001-106         CON JST 6P         1         1           D102         06-0005-040         DIODE GMB01-BT         1	C315	09-10619-055	CAP ELE 10U	16V	M	1
C318         08-10224-133         CAP CER 1000P         50V         K         1           C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1         1           CN1         20-40001-106         CON JST 6P         1         1           CN12         20-40001-102         CON JST 2P         1         1           CN13         20-40001-103         CON JST 3P         1         1           CN15         20-40001-103         CON JST 13P         1         1           CN16         20-40001-109         CON JST 9P         1         1           CN17         20-40001-109         CON JST 8P         1         1           CN2         20-40001-108         CON JST 6P         1         1           CN3         20-40001-106         CON JST 6P         1         1           D102         06-0005-040         DIODE GMB01-BT         1         1           D103	C316	09-10619-055	CAP ELE 10U	16V	M	1
C319         09-22711-055         CAP ELE 220U         10V         M         1           C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1         1           CN12         20-40001-106         CON JST 6P         1         1           CN13         20-40001-102         CON JST 2P         1         1           CN15         20-40001-103         CON JST 3P         1         1           CN16         20-40001-110         CON JST 10P         1         1           CN17         20-40001-109         CON JST 3P         1         1           CN18         20-40001-109         CON JST 8P         1         1           CN2         20-40001-108         CON JST 8P         1         1           CN3         20-40001-106         CON JST 6P         1         1           D102         06-0005-040         DIODE GMB01-BT         1         1           D103         06-0005-040         DIODE GMB01-BT         1         1           D104         06-00005-	C317	08-10224-133	CAP CER 1000P	50V	K	1
C320         09-22711-055         CAP ELE 220U         10V         M         1           C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1         1           CN12         20-40001-106         CON JST 6P         1         1           CN13         20-40001-102         CON JST 2P         1         1           CN15         20-40001-103         CON JST 3P         1         1           CN16         20-40001-103         CON JST 10P         1         1           CN17         20-40001-113         CON JST 13P         1         1           CN18         20-40001-109         CON JST 8P         1         1           CN2         20-40001-108         CON JST 8P         1         1           CN3         20-40001-106         CON JST 6P         1         1           D102         06-00005-040         DIODE GMB01-BT         1         1           D103         06-00005-040         DIODE GMB01-BT         1         1           D104         06-00005-040         DIODE GMB01-BT         1         1           D105         06-00005-040	C318	08-10224-133	CAP CER 1000P	50V	K	1
C322         08-10314-133         CAP CER 0.01U         50V         M         1           CN1         20-40001-105         CON JST 5P         1           CN12         20-40001-106         CON JST 6P         1           CN13         20-40001-102         CON JST 2P         1           CN15         20-40001-103         CON JST 3P         1           CN16         20-40001-110         CON JST 10P         1           CN17         20-40001-113         CON JST 13P         1           CN18         20-40001-109         CON JST 8P         1           CN2         20-40001-108         CON JST 6P         1           CN2         20-40001-106         CON JST 6P         1           CN3         20-40001-106         CON JST 6P         1           D102         06-00005-040         DIODE GMB01-BT         1           D103         06-00005-040         DIODE GMB01-BT         1           D104         06-00005-040         DIODE GMB01-BT         1           D105         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT	C319	09-22711-055	CAP ELE 220U	10V	M	1
CN1 20-40001-105 CON JST 5P 1 CN12 20-40001-106 CON JST 6P 1 CN13 20-40001-102 CON JST 2P 1 CN15 20-40001-103 CON JST 3P 1 CN16 20-40001-110 CON JST 10P 1 CN17 20-40001-113 CON JST 13P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D205 06-00005-040 DIODE GMB01-BT 1 D206 06-00005-040 DIODE GMB01-BT 1 D207 06-00005-040 DIODE GMB01-BT 1 D208 06-00005-040 DIODE GMB01-BT 1 D209 06-00005-040 DIODE GMB01-BT 1 D2004 06-00005-040 DIODE GMB01-BT 1 D2005 06-00005-040 DIODE GMB01-BT 1 D2006 D20	C320	09-22711-055	CAP ELE 220U	10∨	M	1
CN12 20-40001-106 CON JST 6P 1 CN13 20-40001-102 CON JST 2P 1 CN15 20-40001-103 CON JST 3P 1 CN16 20-40001-110 CON JST 10P 1 CN17 20-40001-113 CON JST 13P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D205 06-00005-040 DIODE GMB01-BT 1 D206 06-00005-040 DIODE GMB01-BT 1 D207 06-00005-040 DIODE GMB01-BT 1 D208 06-00005-040 DIODE GMB01-BT 1 D209 06-00005-040 DIODE GMB01-BT 1 D2004 06-00005-040 DIODE GMB01-BT 1 D2005 06-0005-040 DIODE GMB01-BT 1 D2006 D200	C322	08-10314-133	CAP CER 0.01U	50V	M	1
CN13	CN1	20-40001-105	CON JST 5P			1
CN15 20-40001-103 CON JST 3P 1 CN16 20-40001-110 CON JST 10P 1 CN17 20-40001-113 CON JST 13P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-0005-040 DIODE GMB01-BT 1 D205 04-07861-000 IC LA6531 1 D206 04-07861-000 IC LA6531 1 D207 04-078803-000 IC LA6531 1	CN12	20-40001-106	CON JST 6P			1
CN16 20-40001-110 CON JST 10P 1 CN17 20-40001-113 CON JST 13P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D205 04-07861-000 IC LA6531 1 IC106 04-06531-000 IC LA6531 1 IC107 04-06531-000 IC LA6531 1 IC107 04-06531-000 IC LA6531 1	CN13	20-40001-102	CON JST 2P			1
CN17 20-40001-113 CON JST 13P 1 CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D301 06-5R102-070 ZENER GEA5.1X 1 IC101 04-09210-000 IC LA9210M 1 IC102 04-07861-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1	CN15	20-40001-103	CON JST 3P			1
CN18 20-40001-109 CON JST 9P 1 CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D301 06-5R102-070 ZENER GEA5.1X 1 IC101 04-09210-000 IC LA9210M 1 IC102 04-07861-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1	CN16	20-40001-110	CON JST 10P			1
CN2 20-40001-108 CON JST 8P 1 CN3 20-40001-106 CON JST 6P 1 D102 06-00005-040 DIODE GMB01-BT 1 D103 06-00005-040 DIODE GMB01-BT 1 D104 06-00005-040 DIODE GMB01-BT 1 D105 06-00005-040 DIODE GMB01-BT 1 D106 06-00005-040 DIODE GMB01-BT 1 D107 06-00005-040 DIODE GMB01-BT 1 D108 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D109 06-00005-040 DIODE GMB01-BT 1 D203 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D204 06-00005-040 DIODE GMB01-BT 1 D301 06-5R102-070 ZENER GEA5.1X 1 IC101 04-09210-000 IC LA9210M 1 IC102 04-07861-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1 IC104 04-06531-000 IC LA6531 1	CN17	20-40001-113	CON JST 13P			1
CN3       20-40001-106       CON JST 6P       1         D102       06-00005-040       DIODE GMB01-BT       1         D103       06-00005-040       DIODE GMB01-BT       1         D104       06-00005-040       DIODE GMB01-BT       1         D105       06-00005-040       DIODE GMB01-BT       1         D106       06-00005-040       DIODE GMB01-BT       1         D107       06-00005-040       DIODE GMB01-BT       1         D108       06-00005-040       DIODE GMB01-BT       1         D109       06-00005-040       DIODE GMB01-BT       1         D203       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1 <td>CN18</td> <td>20-40001-109</td> <td>CON JST 9P</td> <td></td> <td></td> <td>1</td>	CN18	20-40001-109	CON JST 9P			1
D102         06-00005-040         DIODE GMB01-BT         1           D103         06-00005-040         DIODE GMB01-BT         1           D104         06-00005-040         DIODE GMB01-BT         1           D105         06-00005-040         DIODE GMB01-BT         1           D106         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT         1           D109         06-00005-040         DIODE GMB01-BT         1           D203         06-00005-040         DIODE GMB01-BT         1           D204         06-00005-040         DIODE GMB01-BT         1           D301         06-5R102-070         ZENER GEA5.1X         1           IC101         04-09210-000         IC LA9210M         1           IC102         04-07861-000         IC LC7861NE         1           IC103         04-06531-000         IC LA6531         1           IC104         04-06531-000         IC LA6531         1           C105         04-70803-000         IC708031A         1	CN2	20-40001-108	CON JST 8P			1
D103         06-00005-040         DIODE GMB01-BT         1           D104         06-00005-040         DIODE GMB01-BT         1           D105         06-00005-040         DIODE GMB01-BT         1           D106         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT         1           D109         06-00005-040         DIODE GMB01-BT         1           D203         06-00005-040         DIODE GMB01-BT         1           D204         06-00005-040         DIODE GMB01-BT         1           D301         06-5R102-070         ZENER GEA5.1X         1           IC101         04-09210-000         IC LA9210M         1           IC102         04-07861-000         IC LC7861NE         1           IC103         04-06531-000         IC LA6531         1           IC104         04-06531-000         IC LA6531         1           C105         04-70803-000         IC708031A         1	CN3	20-40001-106	CON JST 6P			1
D104         06-00005-040         DIODE GMB01-BT         1           D105         06-00005-040         DIODE GMB01-BT         1           D106         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT         1           D109         06-00005-040         DIODE GMB01-BT         1           D203         06-00005-040         DIODE GMB01-BT         1           D204         06-00005-040         DIODE GMB01-BT         1           D301         06-5R102-070         ZENER GEA5.1X         1           IC101         04-09210-000         IC LA9210M         1           IC102         04-07861-000         IC LC7861NE         1           IC103         04-06531-000         IC LA6531         1           IC104         04-06531-000         IC LA6531         1           C105         04-70803-000         IC708031A         1	D102	06-00005-040	DIODE GMB01-BT			1
D105         06-00005-040         DIODE GMB01-BT         1           D106         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT         1           D109         06-00005-040         DIODE GMB01-BT         1           D203         06-00005-040         DIODE GMB01-BT         1           D204         06-00005-040         DIODE GMB01-BT         1           D301         06-5R102-070         ZENER GEA5.1X         1           IC101         04-09210-000         IC LA9210M         1           IC102         04-07861-000         IC LC7861NE         1           IC103         04-06531-000         IC LA6531         1           IC104         04-06531-000         IC LA6531         1           C105         04-70803-000         IC708031A         1	D103	06-00005-040	DIODE GMB01-BT			1
D106         06-00005-040         DIODE GMB01-BT         1           D107         06-00005-040         DIODE GMB01-BT         1           D108         06-00005-040         DIODE GMB01-BT         1           D109         06-00005-040         DIODE GMB01-BT         1           D203         06-00005-040         DIODE GMB01-BT         1           D204         06-00005-040         DIODE GMB01-BT         1           D301         06-5R102-070         ZENER GEA5.1X         1           IC101         04-09210-000         IC LA9210M         1           IC102         04-07861-000         IC LC7861NE         1           IC103         04-06531-000         IC LA6531         1           IC104         04-06531-000         IC LA6531         1           C105         04-70803-000         IC708031A         1	D104	06-00005-040	DIODE GMB01-BT			1
D107       06-00005-040       DIODE GMB01-BT       1         D108       06-00005-040       DIODE GMB01-BT       1         D109       06-00005-040       DIODE GMB01-BT       1         D203       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D105	06-00005-040	DIODE GMB01-BT			1
D108       06-00005-040       DIODE GMB01-BT       1         D109       06-00005-040       DIODE GMB01-BT       1         D203       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D106	06-00005-040	DIODE GMB01-BT			1
D109       06-00005-040       DIODE GMB01-BT       1         D203       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D107	06-00005-040	DIODE GMB01-BT			1
D203       06-00005-040       DIODE GMB01-BT       1         D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D108	06-00005-040	DIODE GMB01-BT			1
D204       06-00005-040       DIODE GMB01-BT       1         D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D109	06-00005-040	DIODE GMB01-BT			1
D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D203	06-00005-040	DIODE GMB01-BT			1
D301       06-5R102-070       ZENER GEA5.1X       1         IC101       04-09210-000       IC LA9210M       1         IC102       04-07861-000       IC LC7861NE       1         IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	D204	06-00005-040	DIODE GMB01-BT			1
C101	D301	06-5R102-070	ZENER GEA5.1X			1
IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	IC101	04-09210-000				1
IC103       04-06531-000       IC LA6531       1         IC104       04-06531-000       IC LA6531       1         C105       04-70803-000       IC708031A       1	C102		IC LC7861NE			1
C104 04-06531-000 IC LA6531 1 C105 04-70803-000 IC708031A 1	C103	04-06531-000	IC LA6531			1
C105 04-70803-000 IC708031A 1	C104					
	C105					
	C106	04-78815-000				1



REFERENCE		DESCRIPTION			QTY.
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IC107	04-06458-000	IC LA6458S			1
IC108	04-07805-030	IC 78M05T			1
JUMPER	32-01060-100	JMP 10MM SINGLE			30
JUMPER	32-01060-050	JMP 5MM SINGLE			50
P101	17-40000-682	VR 6K8 (B)			1
P104	17-40000-474	VR 470K (B)			1
PC801	48-00293-001	BLN PCB SFT93V1 M.	AIN		1
Q101	06-01317-000	TR 2SA1317-S-AC			1
Q102	06-01346-000	TR SSA1346-AC			1
Q103	06-01346-000	TR 2SA1346-AC			1
Q105	06-01346-000	TR 2SA1346-AC			1
Q106	06-03400-000	TR 2SC3400-AC			1
Q111	06-03330-000	TR 2SC3330-S-AC			1
Q112	06-03330-000	TR 2SC3330-S-AC			1
Q113	06-01936-000	TR 2SD1936-T-AC			1
Q114	06-01936-000	TR 2SD1936-T-AC			1
R101	13-10031-012	RES CARB 10	1/6W	J	1
R102	13-10331-012	RES CARB 10K	1/6W	J	1
R103	13-33331-012	RES CARB 33K	1/6W	J	1
R104	13-10231-012	RES CARB 1K	1/6W	J	1
R105	13-10231-012	RES CARB 1K	1/6W	J	1
R106	13-33331-012	RES CARB 33K	1/6W	J	1
R107	13-15231-012	RES CARB 15K	1/6W	J	1
R108	13-47131-012	RES CARB 470	1/6W	J	1
R109	13-10231-012	RES CARB 1K	1/6W	J	1
R110	13-10331-012		1/6\V	J	1
R111		RES CARB 2K4	1/6W	J	1
R112	13-22231-012		1/6W	J	1
R115	13-12231-012	RES CARB 1K2	1/6W	J	1
R116	13-15431-012	RES CARB 150K	1/6W	J	1
R117	13-12531-012	RES CARB 1.2M	1/6W	j	1
R118		RES CARB 100K	1/6W	J	1
R119		RES CARB 390K	1/6W	J	1
R120		RES CARB 120K	1/6W	J	1
R121		RES CARB 10K	1/6W	J	1
R122	13-12531-012		1/6W	j	1
R123		RES CARB 1K2	1/6W	J	1
R124	13-22331-012	RES CARB 22K	1/6W	J	1
R125	13-47331-012	RES CARB 47K	1/6W	J.	1
R126	13-68131-012	RES CARB 680	1/6W	J	1
R127	13-10431-012	RES CARB 100K	1/6W	J	1
R129	13-47231-012	RES CARB 4K7	1/6W	J	1
R130	13-33231-012	RES CARB 3K3	1/6W	J	1
R131	13-22331-012	RES CARB 22K	1/6W	J	1
R132	13-10431-012	RES CARB 100K	1/6W	1	1
R133	13-10331-012	RES CARB 10K	1/6W	J	1
R134	13-20431-012	RES CARB 200K	1/6W	J	1
R136	13-22231-012	RES CARB 2K2	1/6W	j	1
R137	13-10431-012	RES CARB 100K	1/6W	J	1
R138	13-56131-012	RES CARB 560	1/6W	J	1



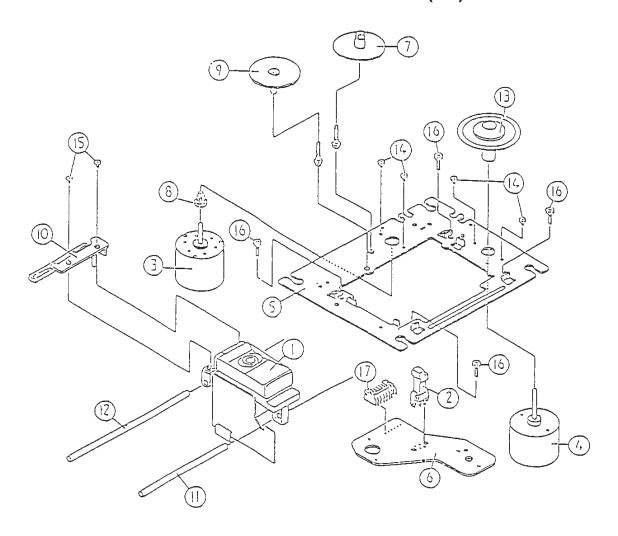
REFERENCE	PART NO.	DESCRIPTION			QTY
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R139	13-15431-012	RES CARB 150K	1/6W	J	1
R140	13-10531-012	RES CARB 1M	1/6W	J	1
R141	13-82331-012	RES CARB 82K	1/6W	J	1
R142	13-56331-012	RES CARB 56K	1/6W	J	1
R143	13-12431-012	RES CARB 120K	1/6W	J	1
R144	13-12231-012	RES CARB 1K2	1/6W	J	1
R145	13-56331-012	RES CARB 56K	1/6W	j	1
R145	13-91331-012	RES CARB 91K	1/6W	j	1
	13-82231-012	RES CARB 8K2	1/6W	J	1
R147	13-18331-012	RES CARB 18K	1/6W	J	1
R149	13-22331-012	RES CARB 10K	1/6W	J	1
R150	13-33431-012	RES CARB 220K	1/6W	j	1
R151	13-10431-012	RES CARB 100K	1/6W	Ĵ	1
R158	13-91331-012	RES CARB 91K	1/6W	j	1
R159	13-33431-012	RES CARB 330K	1/6W	J	1
R166	13-39531-012	RES CARB 3.9M	1/6W	J	1
R167	13-15531-012	RES CARB 1.5M	1/6W	J	1
R170	13-33431-012	RES CARB 330K	1/6W	J	1
R171	13-18432-012	RES CARB 180K	1/4W	J	1
R172	13-18432-012	RES CARB 180K	1/4W	J	1
R173	13-22331-012	RES CARB 100K	1/6W	j	1
R174	13-22331-012	RES CARB 22K	1/6W	J	1
R175	13-22331-012	RES CARB 22K	1/6W	J	1
R176	13-22331-012	RES CARB 22K	1/6W	J	1
R177	13-22331-012	RES CARB 22K	1/6W	j	1
R178 R179	13-22331-012	RES CARB 22K	1/6W	J	1
	13-22331-012	RES CARB 22K	1/6W	Ĵ	1
R180	13-22331-012	RES CARB 22K	1/6W	Ĵ	1
R181 R182	13-22331-012	RES CARB 22K	1/6W	Ĵ	1
R183	13-68131-012	RES CARB 680	1/6W	J	1
R184	13-68131-012	RES CARB 690	1/6W	Ĵ	1
R185	13-68131-012	RES CARB 680	1/6W	J	1
R186	13-47231-012	RES CARB 4K7	1/6W	J	1
R187	13-47231-012	RES CARB 4K7	1/6W	J	1
R188	13-22331-012	RES CARB 22K	1/6W	j	1
R190	13-22231-012	RES CARB 2K2	1/6W	J	1
R191	13-56331-012	RES CARB 1K2	1/6W	J	1
R193	13-10931-012	RES CARB 1 OHM	1/6W	J	1
R199	13-56331-012	RES CARB 56K	1/6W	J	1
R301	13-82131-012	RES CARB 820	1/6W	J	1
R302	13-10331-012	RES CARB 10K	1/6W	J	1
R303	13-15231-012	RES CARB 1K5	1/6W	J	1
R304	13-15231-012	RES CARB 1K5	1/6W	J	1
R305	13-39131-012	RES CARB 390	1/6W	J	1
R306	13-39131-012	RES CARB 390	1/6W	J	1
R307	13-10331-012	RES CARB 10K	1/6W	Ĵ	1
	13-10331-012	RES CARB 10K	1/6W	J	1
R308	13-47231-012	RES CARB 10R	1/6W	J	1
R309	13-47231-012	RES CARB 4K7	1/6W	J	1
R310	13-10431-012	RES CARB 100K	1/6W	J	1
R311	13-10-31-012	WES OWNE TOOK	1,044	•	,



REFERENCE	PART NO.	DESCRIPTION			QTY
R312	13-10431-012	RES CARB 100K	1/6W	J	1
R313	13-56231-012	RES CARB 5K6	1/6W	J	1
R314	13-56231-012	RES CARB 5K6	1/6W	Ĵ	1
R315	13-68231-012	RES CARB 6K8	1/6W	J	1
		RES CARB 6K8	1/6W	J	1
R316	13-68231-012			J	1
R317	13-12331-012	RES CARB 12K	1/6W	_	1
R318	13-12331-012	RES CARB 12K	1/6W	J	1
R319	13-10331-012	RES CARB 10K	1/6W	J	1
R320	13-10331-012	RES CARB 10K	1/6W	J	1
R321	13-10431-012	RES CARB 100K	1/6W	J	1
R322	13-10431-012	RES CARB 100K	1/6W	J	1
R323	13-10231-012	RES CARB 1K	1/6W	J	1
R324	13-10231-012	RES CARB 1K	1/6W	J	1
R325	13-22231-012	RES CARB 2K2	1/6W	J	1
R326	13-22231-012	RES CARB 2K2	1/6W	J	1
R327	13-47032-012	RES CARB 47	1/6W	J	1
R329	13-10531-012	RES CARB 1M	1/6W	j	1
R330	13-10531-012	RES CARB 1M	1/6W	J	1
X101	24-31693-100	CRYSTAL 16.9344MHz			1
X102	24-30400-00	CER OSC 4MHz			1



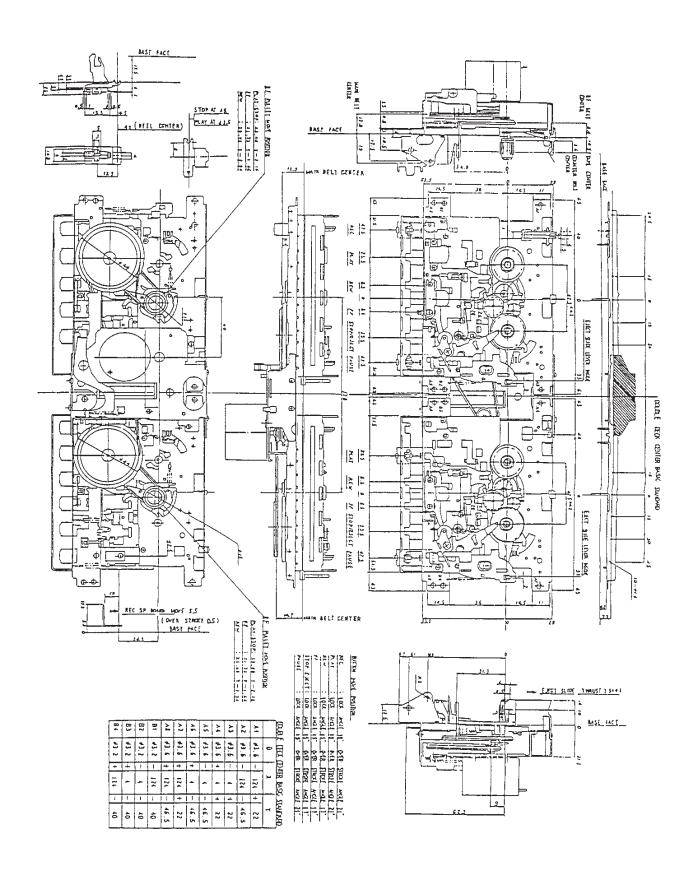
### **EXPLODED VIEW / PARTS LIST (CD)**



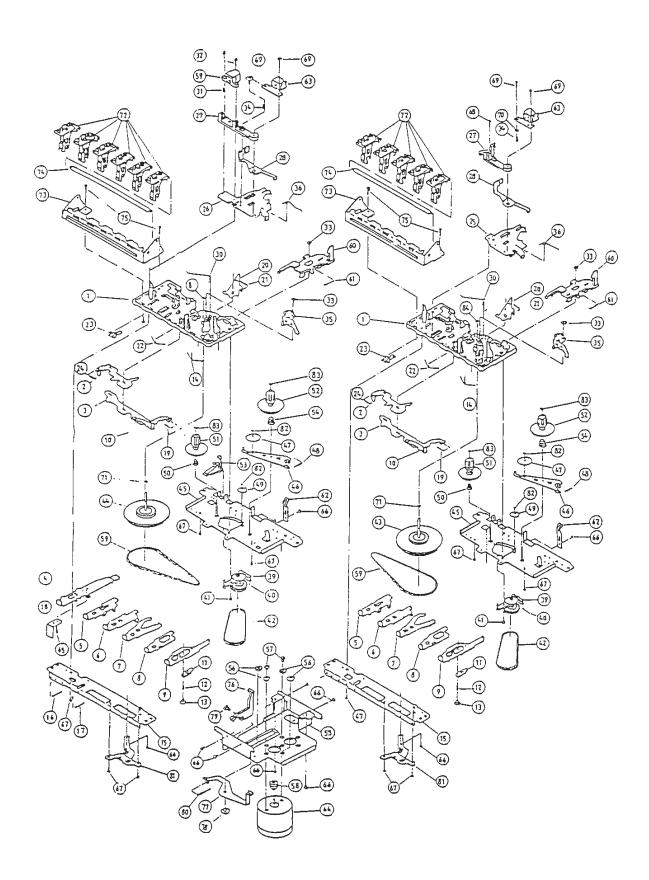
CD parts are not available separately. If a part needs replacing, order a complete CD Assembly. (Part No.6202150.468. CD90V1-JPN)

REF NO.	PART NUMBER	DESCRIPTION
1	0-A41A-031-00	PICK UP ASSY (SF-91P)
2	4-S13A-008-00	LIMIT SW
3	4-M10A-021-00	MOTOR
4	4-M10A-020-00	SPINDLE MOTOR
5	0-311A-022-00	CHASSIS ASSY
6	4-B10A-535-00	MOTOR / SW PCB
7	2-511A-063-00	GEAR MIDOLE
8	2-511A-064-00	GEAR MOTOR
9	2-511A-065-00	GEAR POWER
10	2-731A-014-00	PLATE RACK
11	2-362A-004-00	GUIDE BAR
12	2-362A-005-00	GUIDE BAR
13	0-541A-003-00	TURNTABLE ASSY
14	SE3PN172R5SE	SCR PAN PCS 1.7 X 2.5
15	SE1FN205ROSE	SCR FLT PCS 2 X 5
16	SFXEA01800	SPECIAL SCREW
17	4-2369-750-0	CONNECTOR 6P











### **PARTS LIST**

Ю.		PARTS HAME Q	TY	ио.	PARTS HO.	PARTS HAHE Q'TY
2. 3. 4. 5. 6.	A-1026-0 A-1005-0 A-1006-0 A-1007-0 A-1008-0 A-1009-0	REV. BUTTON LEVER (F)	1 2 2	53. 54. 55. 56.	A-06 A-07 A-3017-0 A-6016-0 A-1017-0 V A-4002-0 A-8003-0 A-3018-V20 HE-136 X A-3019-0 F	S REEL ASS'Y TAKE UP REELL ASS'Y REC. SAFETY LEVER BACK TENSION SP. (R) HOTOR BRACKET (VA) HOTOR CUSHION HOTOR COLLAR SCREV HOTOR PULLEY 2×7 E. HEAD EJECT SLIDE LEVER (F)
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22.	A-1027-0 A-3009-0 A-6001-0 A-3010-0 A-6003-0 A-1002-1 A-6017-0 A-6004-0 A-1031-0 A-6006-0 A-1013-0 A-60070 A-6002-0 21-01-023A A-6008-0	PAUSE LEVER SP PAUSE STOPPER BUTTON LEVER SP. (B) SUB CHASSIS	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	61234567890123456 666666777777777777777777777777777777	A-6005-0 A-1018-0F S-201 6H2LWSK TP-2030 TP-2040 T8-2050 IO-2060 IO-2070 WASHER-0 WASHER-A A-3020-0 A-1023-0F A-2006-0F TH-2070 A-3026-0	S REEL ASS'Y TAKE UP REELL ASS'Y REC. SAFETY LEVER BACK TENSION SP. (R) HOTOR BRACKET (YA) HOTOR CUSHION HOTOR COLLAR SCREV HOTOR PULLEY 2x7 E. HEAD EJECT SLIDE LEVER (F) EJECT LEVER SP. PACK SPRING (FA) R/P HEAD HOTOR TP M2x3 SCREV TP M2x4 SCREV 10 TB M2x5 SCREV 10 TB M2x5 SCREV 10 TB M2x6 SCREV 10 TB M2x7 SCREV 2.1x3.8x0.35t 2.1x3.8x0.35t 2.1x3.8x0.35t 2.1x108 BUTTON HOLDER (F) BUTTON SHAFT (FA) TH M2x7 SCREV 10 BUTTON SHAFT (FA) TH M2x7 SCREV 4 DUBBING ACTUATING PLATE 1
26. 27. 28. 29. 31. 32. 33. 35.	A-1014-1 A-1014-0 A-3012-0 A-05 A-3011-0 A-6010-0 A-6021-0 IO-2080 TF-2035 A-6011-0 A-6012-0	REC. BUTTON LEVER SP. PLAY BUTTON LEVER SP. REC. PACK SPING 14mm ACTUATOR PLATE SP. AUTO STOP LEVER SP. BUTTON LEVER SP. BUTTON LEVER SP. LEAF SWITCH SWITCH ACTUATING PLATE SP. HEAD PLATE (B) HEAD PLATE (B) HEAD BASE (B) SENSING LEVER ASS'Y HEAD BASE (A) HEAD BASE (A) HEAD SP. E. HEAD SP. E. HEAD SP. IO H2x8 SCREW TF H2x3.5 SCREW AZINUTH SP. PINCH ROLLER ARH ASS'Y PINCH ROLLER SP. RF PULLEY ARH ASS'Y	1112121242 22	778812885885889.	A-1028-0 A-8004-0 A-8007-0 A-0019-0 A-1012-0 WASHER-D WASHER-D1 WASHER-E	CHANGE LEVER  P.K. COLLAR SCREY (A)  P.X. COLLAR SCREY (B)  CHANGE LEVER ST.  1  FLYWHEEL BRACKET  1.2x3x0.188t (cut)  1.2x3x0.25t  1.6x3.8x0.4t (cut)  2
37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47.	A-6013-0 A-8002-0	RF PULLEY ARM SP.	2221122222	93. 94.		



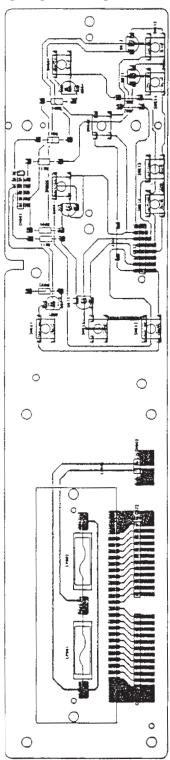
### **CD PARTS LIST**

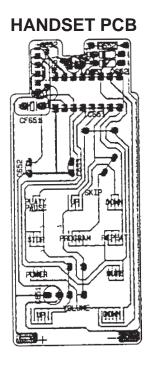
REFERENCE	PART NO.	DESCRIPTION			QTY.
C101	09-47619-055		16V	М	1
C102	08-10224-133	CAP CER 1000P	50V	K	1
C103	09-10711-055	CAP ELE 100U	10V	M	1
C104	09-47619-055	CAP ELE 47U	16V	M	1
C105	08-02074-133	CAP CER 2P	50V	С	1
C106	08-12034-133	CAP CER 12P	50V	J	1
C107	09-47414-055	CAP ELE 0.47U	50V	M	1
C108	08-33124-133	CAP CER 330P	50V	K	1
C111	08-10314-133	CAP CER 0.01U	50V	M	1
C112	09-10619-055	CAP ELE 10U	16V	M	1
C113	08-10314-133	CAP CER 0.01U	50V	М	1
C114	09-10619-055	CAP ELE 10U	16V	М	1
C115	08-22394-133	CAP CER 0.022U	50V	Z	1
C116	09-10711-055	CAP ELE 100U	10V	M	1
C117	09-10711-055	CAP ELE 100U	10V	М	†
C118	08-22394-133	CAP CER 0.022U	50V	Z	1
C119	08-10224-133	CAP CER 1000P	50V	K	1
C122	11-15324-023	CAP MLY 0.015U	50V	K	1
C123	11-18234-023	CAP MLY 0.018U	50V	K	1
C124	11-33324-023	CAP MLY 0.033U	50V	K	1
C125	09-10619-145	CAP ELE 10U	16V	M NP	1
C126	09-10711-055	CAP ELE 100U	10V	М	1
C127	11-47324-023	CAP MLY 0.04U	50V	K	1
C126	11-33324-023	CAP MLY 0.033U	50V	K	1
C129	11-47324-023	CAP MLY 0.047U	50V	K	1
C130	09-10619-055	CAP ELE 10U	16V	M	1
C131	08-68224-133	CAP CER 6800P	50V	K	1
C132	08-22124-133	CAP CER 220P	50V	K	1
C133	09-10711-055	CAP ELE 100U	10V	M	1
C134	08-22394-133	CAP CER 0.022U	50V	Z	1
C135	08-33394-133	CAP CER 0.033U	50V	Z	1
C136	08-10224-133	CAP CER 1000P	50V	K	1
C137	08-47124-133	CAP CER 470P	50V	K	1
C138	08-33394-133	CAP CER 0.033U	50V	Z	1
C139	08-12034-133	CAP CER 12P	50V	J	1
C140	08-12034-133	CAP CER 12P	50V	J	1
C141	11-33224-023	CAP MLY 3300P	50V	K	1
	08-10124-133	CAP CER 100P	50V	K	1
	09-33414-145	CAP ELE 0.33U	50V	M NP	1
C144	11-33324-023	CAP MLY 0.033U	50V	K	1
	09-33619-055	CAP ELE 33U	16V	M	1
	08-22394-133	CAP CER 0.022U	50V	Z	1
	09-10711-055	CAP ELE 100U	10V	М	1
	09-10811-055	CAP ELE 1000U	10V	M	1
	08-10224-133	CAP CER 1000P	50V	K	1
	09-47512-055	CAP ELE 4.7U	25V	M	1
	09-10414-055	CAP ELE 0.1U	50V	M	1
	08-10494-023	CAP CER 0.1U	50V	Z	1
	08-10494-023	CAP CER 0.1U	50V	Z	1
C157	08-10494-023	CAP CER 0.1U	50V	Z	1



### **PCB LAYOUT TOP VIEW**

**CD CTRL PCB** 

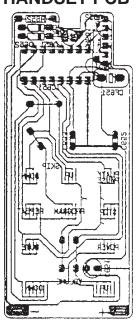




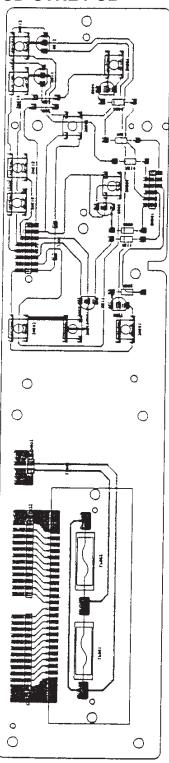


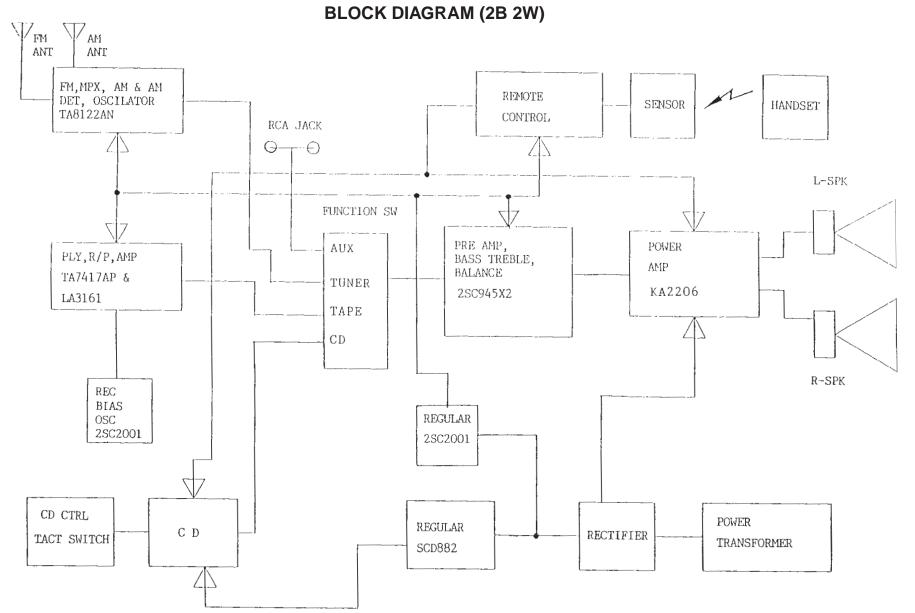
### **PCB LAYOUT BOTTOM VIEW**

### **HANDSET PCB**



### **CD CTRL PCB**





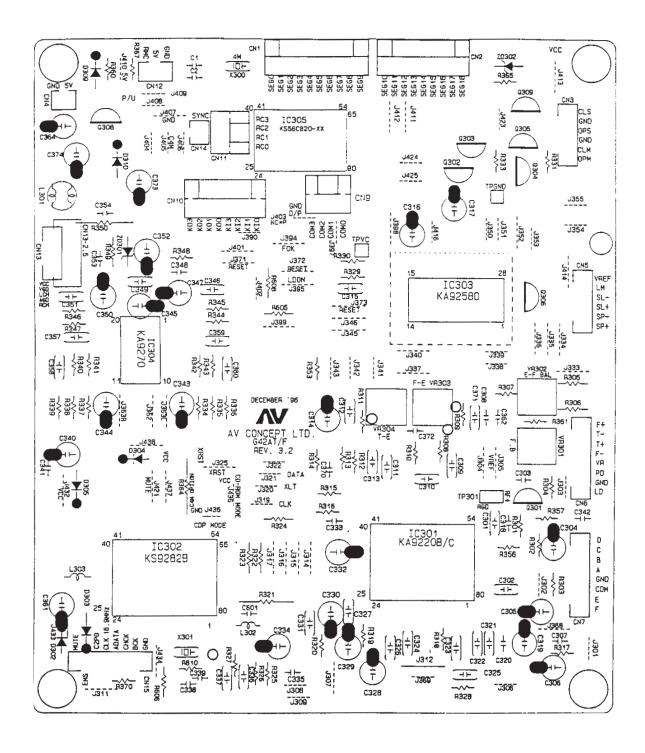


### (2W) EXPLODED VIEW PARTS LIST

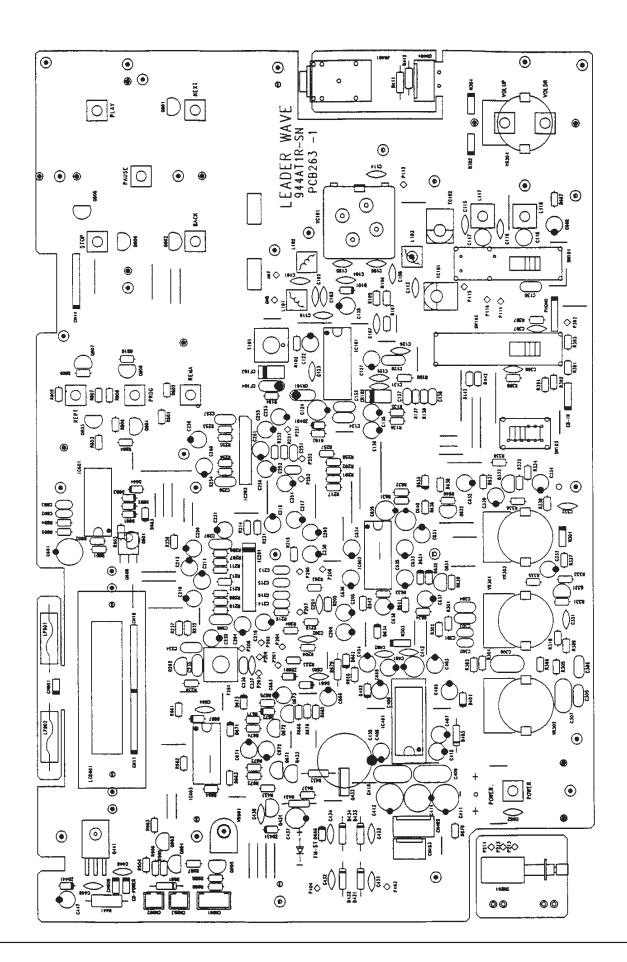
NO.	DESCRIPTION	OTY.	NO.	DESCRIPTION	OTY.
1	MAIN FRONT PANEL	l	46	SIDE BOARD (R)	4
2		1		CASS SPRING	1
3	CASS DOOR FRAME	2		CD SPRING	1 :
	CASS DOOR PANEL (L)	1	<del></del>	BUBBER FOOT	4
	CASS DOOR PANEL (R)	1	50		1
	CD KEY (3K)	i i	51		1
7	CD KEY (5K)	1	52		5
8	BAND KNOB "A"	1	53	PVC WASHER @14.5x26.5x1.5	i
9	BAND KNOB "B"	l		PLASITC WASHER	I
10	BAND KNOB "C"	1	55	SIDE BOARD (L)	1
11	VOLUM KNOB	l	5á	BOTTOM BOARD	1
12	POWER KNOB	I	57	BACK BOARD	I
13	TREBLE BALANCE KNOB "A"	2	58	MAIN P.C.B.	1
14	BASS KNOB "B"	1	59	CD PCB	1
15	TUNING KNOB	1	60	SENSOR	1
16	POINTER BELT	ī			
17	TUNING GEAR "A"	l l	62	EAR PHONE	1
	TUNING GEAR "B"	1	63	CD LAMP P.C.B.	1
19	TUNING GEAR "C"	1	64	YELLOM PVC FILM	1
20	CD LENS	1	65	LCD DISPLAY	I
21	TUNING LENS	l	óσ	ANTENNA BAR ASS'Y	1
	CASS LENS "L"	1	67		I
$\overline{}$	CASS LENS "R"	l	68	BEAT CUT SWITCH	1
	LCD HOLDER	I			
	DECK BUTTON	11	70		1
	DAMPER GEAR ASS'Y	2	71		2
27	SIDE BOARD WASHER	ó	72		I
		1	73	ANTI CD RADIO ACTIVE	1
30	CD DAGE			PLATE	
$\vdash$	CD BASE	I.		IRON PLATE	1
	CD COVER I TNS	1	75	CD DECK	I
-	CD COVER LENS CD PUSH BUTTON	1	76	SCHOCK BREAKER RUBBER	4
	CD LATCH	<u> </u>	77		4
	DISC CLAMP A	l	78	SCREW PWM 3x8	11
	CD DISC HOLDER	i	79		36
	MAGNET	1	80		9
	DISC CLAMP B	1		SCREW PT 2x7	2
35	CD PICK UP COVER	1	82	SCREW PWA 3x10	14
33	CD FICK OF COVER		83	SCREW PWM 3x10 SCREW PWM 4x12	13
37	LEAF SWITCH				4
	REC SPRING	1		SCREW TA 3.5x14 SCREW KM 2.6x6	6
	TRANSFORMER BRACKET	4	86	SCREW PM 2x3	1
	PCB HOLDER "L"	1	88	SCREW PT Ø2.6x4	1
	PCB BRACKET "R"	1	89	SCREW PT 02.0x4	2
	FIASH MOUNT BRACKET	15		SCREW KI 2x6	6
43	METAL WASHER	1		CD SPECIAL SCREW	4
	a constant or all forhald 1.7 of bland to at dear the No.	1		NUT Ø3	3
			74	MOT MO	ر



### HIF-8551

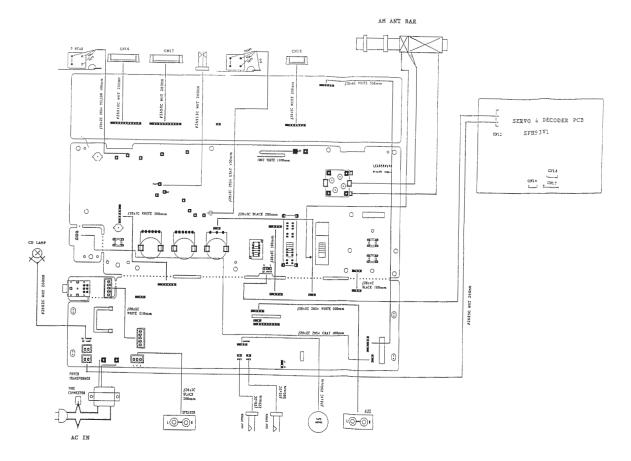






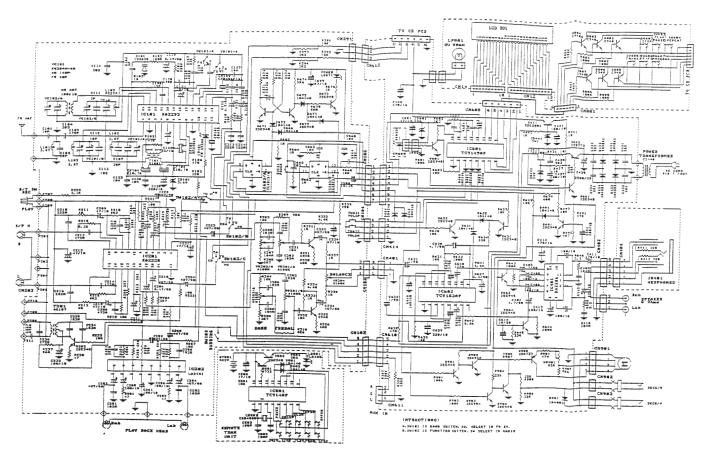


### WIRING DIAGRAM



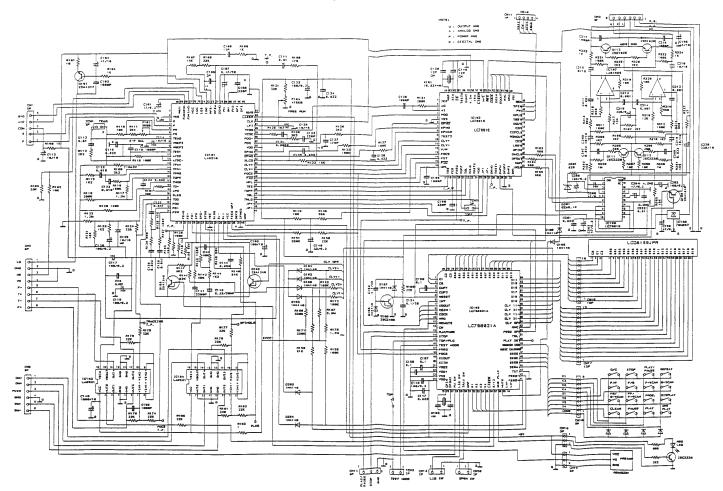


### SCHEMATIC DIAGRAM (2 BAND 2W)

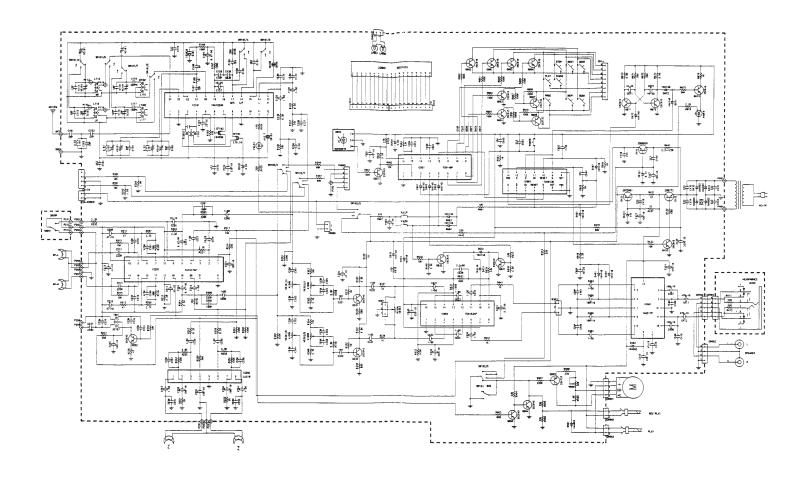




### CD PLAYER









### SCHEMATIC DIAGRAM

